

N^o 14,007



A.D. 1900

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Complete Specification Left, 27th Apr., 1901—Accepted, 3rd Aug., 1901

PROVISIONAL SPECIFICATION.

Improvements in Disinfectants and Vermin Destroyers, and Moth Destroyers.

WILLIAM BRADLEY, of 39 Hilton Street, Manchester in the County of Lancaster. Manufacturing Furrier. do hereby declare the nature of this invention to be as follows:—

Mixtures of either naphthalene, or camphor, or both of them in various proportions with other substances of more or less pronounced poisonous character have been extensively employed as disinfectants and vermin destroyers, more especially for the requirements of furriers.

Poisonous mixtures of this description are objectionable owing to their liability to lead to accidents, and to the furs treated with them remaining for a long time charged with the dust of the poisonous substances. Also the efficacy of these mixtures is not in all cases to be relied upon.

I have found that a mixture of naphthalene, camphor and formaldehyde, the latter in its solid form known as paraldehyde, is not only highly efficacious for the above purposes, but is moreover absolutely non-poisonous to man. And it possesses the further advantage that all its constituents are volatile, and therefore leave no dust or other objectionable deposits in the articles treated

In carrying out my invention I prepare by any suitable mechanical means an intimate mixture of 100 parts of naphthalene with from 0.25 to 5 parts of camphor. This mixture I incorporate subsequently with from 1 to 5 parts of paraldehyde (formaldehyde). For general disinfecting purposes, and particularly also for the protection of furs and similar goods against moths and vermin I prefer to use an intimate mixture of

	Naphthalene	-	-	-	-	-	-	112	parts
	Camphor	-	-	-	-	-	-	0.5	parts
25	Paraldehyde	-	-	-	-	-	-	1.5	parts

But I desire it to be distinctly understood that I do not limit myself to these proportions for all purposes. Especially in cases where more intense disinfection is desired I may vary these proportions more or less considerably especially as regards the quantity of paraldehyde employed.

Dated this 2nd day of August 1900

WILLIAM BRADLEY

39 Hilton Street Manchester in the County of Lancaster.

COMPLETE SPECIFICATION.

Improvements in Disinfectants and Vermin Destroyers, and Moth Destroyers.

I, WILLIAM BRADLEY, of 39 Hilton Street, Manchester, in the County of Lancaster, Manufacturing Furrier do hereby declare the nature of this invention

[Price 8d.]

Improvements in Disinfectants and Vermin Destroyers, and Moth Destroyers.

and in what manner the same is to be performed, to be particularly described and ascertained in and by the following statement:—

Mixtures of either naphthalene, or camphor, or both of them in various proportions, with other substances of a more or less pronounced poisonous character have been extensively employed as disinfectants and vermin destroyers, more especially for the requirements of furriers. 5

Poisonous mixtures of this description are objectionable owing to their liability to lead to accidents, and to the furs treated with them remaining for a long time charged with the dust of the poisonous substance. Also the efficacy of these mixtures is not in all cases to be relied upon. 10

I have found that a mixture of naphthalene, camphor, and formaldehyde, the latter in its solid form, known as paraldehyde, is not only highly efficacious for the above purposes, but is moreover absolutely non-poisonous to man. And it possesses the further advantage that all its constituents are volatile, and therefore leave no dust or other objectionable deposits in the articles treated. 15

In carrying out my invention I prepare by any suitable mechanical means an intimate mixture of 100 parts of naphthalene, with from 0.25 to 5 parts of camphor. This mixture I incorporate subsequently with from 1 to 5 parts of paraldehyde (formaldehyde). For general disinfecting purposes and particularly also for the protection of furs and similar goods against moths and vermin I 20 prefer to use an intimate mixture of

Naphthalene	-	-	-	-	-	-	-	112	parts
Camphor	-	-	-	-	-	-	-	0.5	„
Paraldehyde	-	-	-	-	-	-	-	1.5	„

But I desire it to be distinctly understood that I do not limit myself to these proportions for all purposes. Especially in cases where more intense disinfection is desired I may vary these proportions more or less considerably especially as regards the quantity of paraldehyde employed. 25

Having now particularly described the nature of my said invention and the manner in which it is to be performed what I claim is: 30

1. The use and employment of paraldehyde (formaldehyde) in disinfecting, or moth exterminating preparations of the kind above described
2. The combination of volatile and non-poisonous substances for the manufacture of a disinfecting, or moth exterminating preparation, essentially as above set forth 35

Dated this 26th day of April 1901.

WILLIAM BRADLEY

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